

## Notice of Allowability

Application No.

10/658,199

Examiner

Dung Lam

Applicant(s)

KOBAYASHI, YOSHIKAZU

Art Unit

2617

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/9/07.
2. ☒ The allowed claim(s) is/are 1-3, 5-14.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## DETAILED ACTION

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney George Beck (Registration Number 38,072) on 7/2/7.

Claim 10 has been amended as follows:

Claim 10. A wireless LAN utilizability detecting method, in which a wireless LAN utilizability detecting system comprising a housing is detachably mounted on a data terminal device, a main power supply for said data terminal device, a wave intensity detecting means disposed at least partly on the housing and serving to obtain a detection output corresponding to the intensity of a wave in a predetermined wireless LAN band, the wave intensity detecting means including a resonating circuit configured to derive power from said wave even when the main power supply of the data terminal is off, and a detection output means for generating, based on the output of the wave intensity detecting means, an output indicating whether the wireless LAN is utilizable, is mounted in the pertinent data terminal device, said method comprising:

receiving an output from the detection output means of the wireless LAN utilizability detecting system;

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checking whether the value of the received output and a predetermined value are identical;

if the value of the received output and the predetermined value are identical, initiating an automatic start operation of the data terminal including turning on the main power supply;

if the value of the received output and the predetermined value are not identical, maintaining a waiting state;

after initiating the automatic start operation checking whether the pertinent wireless LAN can perform authentication;

if authentication can be performed, informing a user that the user can perform actual communication;

if authentication can not be done, turning off the main power supply.

[End of Amendment]

### *Allowable Subject Matter*

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

1. Claims 1-3, 5-14 are allowed.

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2. The examiner's reason for allowance is based on the applicant's Amendment filed on 6/7/06, the examiner amendment and the fact that prior art of records fail to teach all of the limitations in combination with the underlined limitations.

Claim 10. A wireless LAN utilizability detecting method, in which a wireless LAN utilizability detecting system comprising a housing is detachably mounted on a data terminal device, a main power supply for said data terminal device, a wave intensity detecting means disposed at least partly on the housing and serving to obtain a detection output corresponding to the intensity of a wave in a predetermined wireless LAN band, the wave intensity detecting means including a resonating circuit configured to derive power from said wave even when the main power supply of the data terminal is off, and a detection output means for generating, based on the output of the wave intensity detecting means, an output indicating whether the wireless LAN is utilizable, is mounted in the pertinent data terminal device, said method comprising:

receiving an output from the detection output means of the wireless LAN utilizability detecting system;

checking whether the value of the received output and a predetermined value are identical;

if the value of the received output and the predetermined value are identical,  
initiating an automatic start operation of the data terminal including turning on the main  
power supply;

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if the value of the received output and the predetermined value are not identical,  
maintaining a waiting state;

after initiating the automatic start operation checking whether the pertinent wireless  
LAN can perform authentication;

if authentication can be performed, informing a user that the user can perform actual  
communication;

3. if authentication can not be done, turning off the main power supply.

4. Claim 1. A wireless LAN utilizability detecting system comprising:

a housing detachably mounted on a data terminal device, said data terminal  
device having a main power supply;

a wave intensity detecting means disposed at least partly inside the housing and  
configured to obtain a detection output corresponding to a wave in a predetermined  
wireless LAN band, including a resonating circuit configured to derive power from said  
wave even when the main power supply of the data terminal is off; and

a detection output means disposed in the housing and configured to generate an  
output indicating representing a content at to whether the wireless LAN is utilizable  
based on the output of the wave intensity detecting means; and

a separate power supply configured to provide power for said wave detecting  
means even when the main power supply of the data terminal device is off.

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Lam whose telephone number is (571) 272-6497. The examiner can normally be reached on M - F 9 - 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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